

### **Remarks**

Claims 1-15, and 25-27 are pending.

Claims 18-21 are cancelled.

Claims 16-17, and 22-24 are withdrawn.

Claims 1-15 and 25-27 are rejected.

Claim 28 is objected to.

### **Claim Amendments**

Claims 1, 2, 5, 14, and 25 are amended. Support for the amendments may be found in the application as filed, for example, on page 3. No new matter has been added.

### **Claim Rejections Under 35 USC §112**

Claim 27 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement.

In one embodiment, FIG. 4 describes data lanes where each data lane is a differential signal. Specification, p. 3, ll. 23-29. One skilled in the art will understand that a differential signal can be a serial signal. Thus, a serial data lane is described in the specification such that one skilled in the art would understand how to make and use the claimed invention. The Applicant asserts that claim 27 is allowable under 35 USC §112.

Claim 25 is rejected under 35 U.S.C. 112, second paragraph, as failing to set for the subject matter which applicant regard as the invention. The Examiner rejected claim 25 because of the term, “such that.” “Such that” has been changed to “to cause” as suggested by the Examiner. The Applicant asserts that claim 25 is allowable under 35 USC §112.

### **Allowable Subject Matter**

The Examiner indicated that claim 28 is object to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 28 recited a "time period that is greater than two clock cycles." This time period is a time period introduced in parent claim 8 over which a number of data transitions are counted. Thus, the achieved data transition density is counted over more than two clock cycles.

Independent claims 1, 5, and 14 have been amended to reflect the calculating or measuring of a transition density over more than two clock cycles as introduced in claim 28. Claim 28 is canceled. The Applicant asserts that claims 1-15, and 25-27 are allowable of the cited references of record.

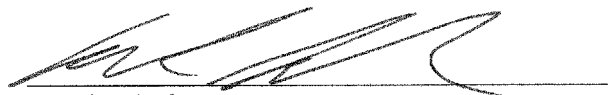
### **Conclusion**

For the foregoing reasons, reconsideration and allowance of claims 1-15, and 25-27 of the application as amended is requested. The Examiner is encouraged to telephone the undersigned at (503) 222-3613 if it appears that an interview would be helpful in advancing the case.

**Customer No. 32231**

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

A handwritten signature in black ink, appearing to read 'Derek Meeker', is written over a horizontal line.

Derek Meeker  
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